

# Fredericksburg Pathways

- **Bicycle and Pedestrian  
Master Plan**



# PROPOSED PATHWAYS SYSTEM

- SYSTEM OVERVIEW
- PROJECT DESCRIPTIONS
- MAJOR BARRIERS & INTERSECTIONS
- REGIONAL CONNECTIONS





# PROPOSED PATHWAYS SYSTEM

## SYSTEM OVERVIEW

- DESCRIPTION OF SYSTEM
- TYPES OF TRAILS
- EVALUATION USING PERFORMANCE MEASURES





# PROPOSED PATHWAYS SYSTEM

## INDIVIDUAL PROJECT DESCRIPTIONS

- **SHARED-USE TRAILS** – Suitable for use by cyclists & pedestrians; ADA accessible
- **SHARED ROADWAYS** – On-road bicycle lanes and marked routes
- **NATURE/HISTORIC SITES TRAILS** – primitive walking trails located in preserved green space





# PROPOSED PATHWAYS SYSTEM

## SHARED-USE TRAILS

- RAPPAHANNOCK RIVER HERITAGE TRAIL
- VIRGINIA CENTRAL RAIL
- FALL HILL AVENUE
- EMBREY DAM
- LAFAYETTE BOULAVARD
- NORTH-SOUTH
- COWAN-WILLIAM STREET





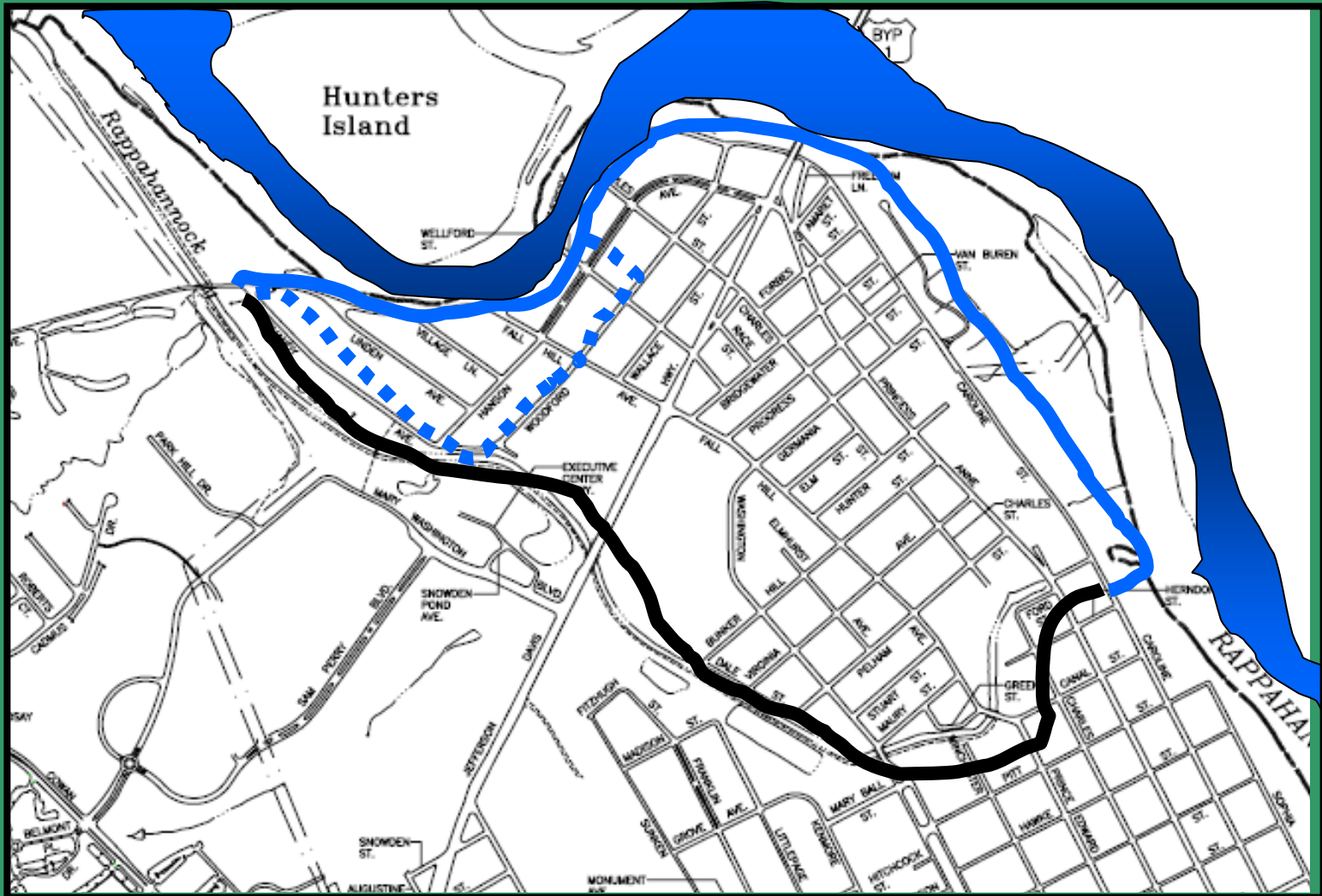
# PROPOSED PATHWAYS SYSTEM

## RAPPAHANNOCK RIVER HERITAGE TRAIL

- **TYPE:** Shared-Use Trail
- **LOCATION:** Ford St. to Canal Path
- **LENGTH:** 1.5 Miles
- **EST. COST:** \$295,000 – \$326,000
- **DESCRIPTION:** Separate asphalt trail on west side of Caroline St. Crosses at Old Mill Park and runs under Rt. 1 overpass and along Riverside Dr. & Fall Hill to Canal. Completes loop of Canal Path.
- **MAIN USES:** Recreation; part of connection between downtown & Celebrate Virginia and beyond.



# RAPPAHANNOCK RIVER HERITAGE TRAIL





# PROPOSED PATHWAYS SYSTEM

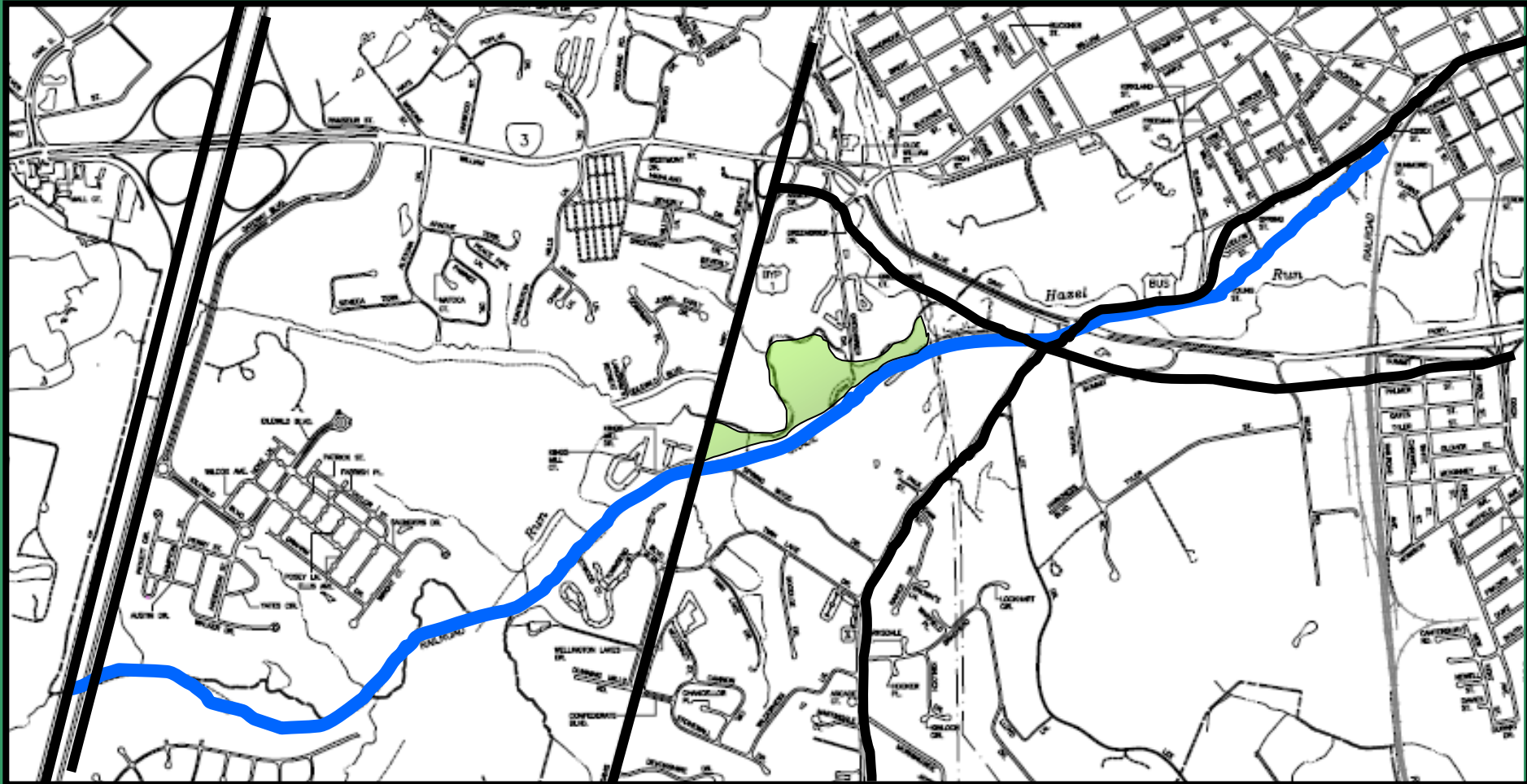
## VIRGINIA CENTRAL RAIL TRAIL

- **TYPE:** Shared-Use Trail
- **LOCATION:** Old Virginia Central RR right-of-way, from train station to I-95. Right-of-way continues to Orange.
- **LENGTH:** 3.5 Miles
- **EST. COST:** \$707,000 – \$781,000
- **DESCRIPTION:** Asphalt trail through woodlands from downtown to city limit.
- **MAIN USES:** Transportation from Idlewild to town; recreation; part of future 30-mile destination trail.





# VIRGINIA CENTRAL RAIL TRAIL





# PROPOSED PATHWAYS SYSTEM

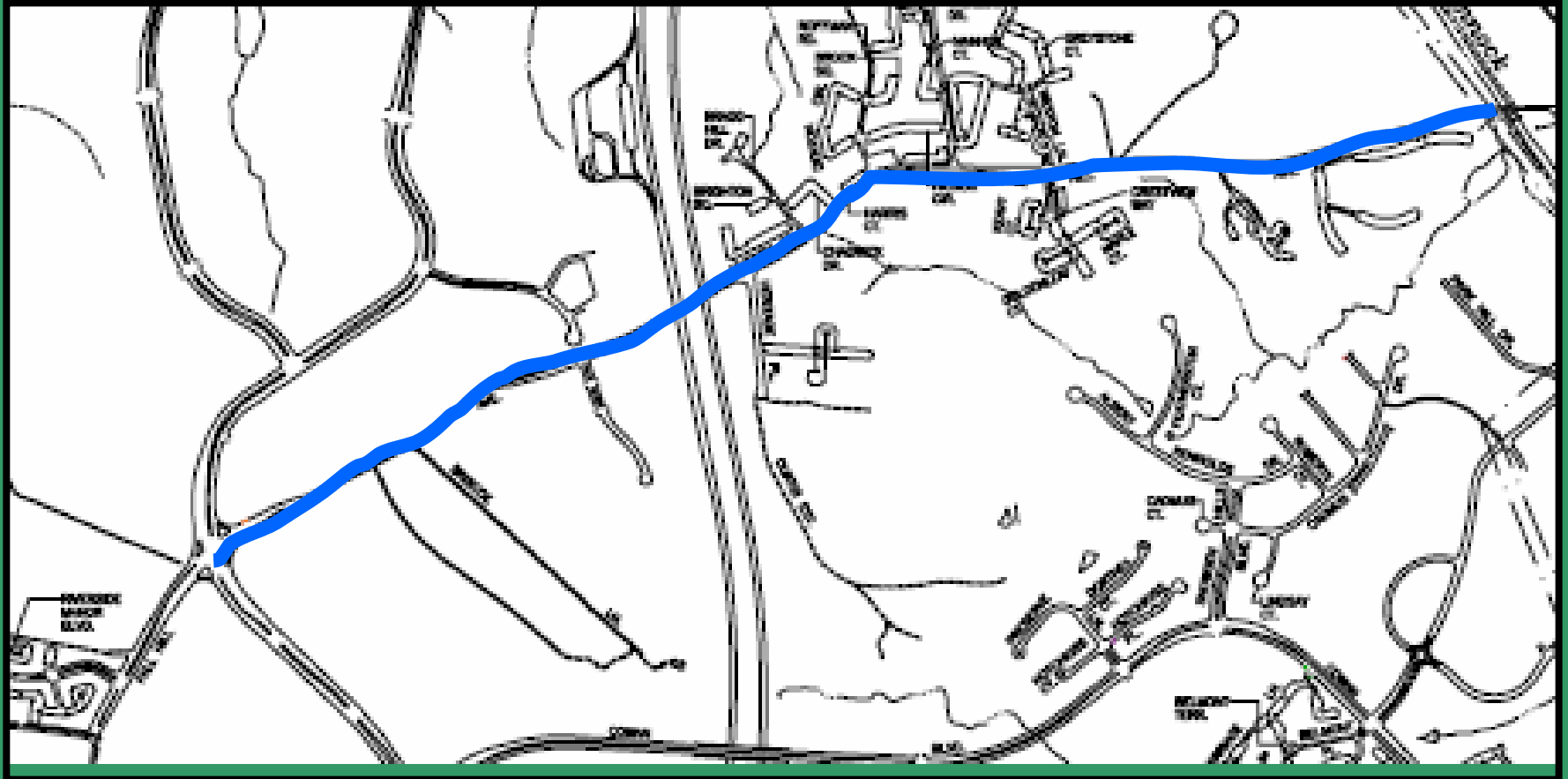
## FALL HILL AVENUE TRAIL

- **TYPE:** Shared-Use Trail
- **LOCATION:** Along Fall Hill Ave. from the Canal to Central Park.
- **LENGTH:** 1.7 Miles
- **EST. COST:** \$240,000 -- \$266,000
- **DESCRIPTION:** Separate asphalt trail along the south side of Fall Hill Ave.
- **MAIN USES:** Transportation link between downtown and Central Park and beyond; part of Fredericksburg Loop.





# FALL HILL AVENUE





# PROPOSED PATHWAYS SYSTEM

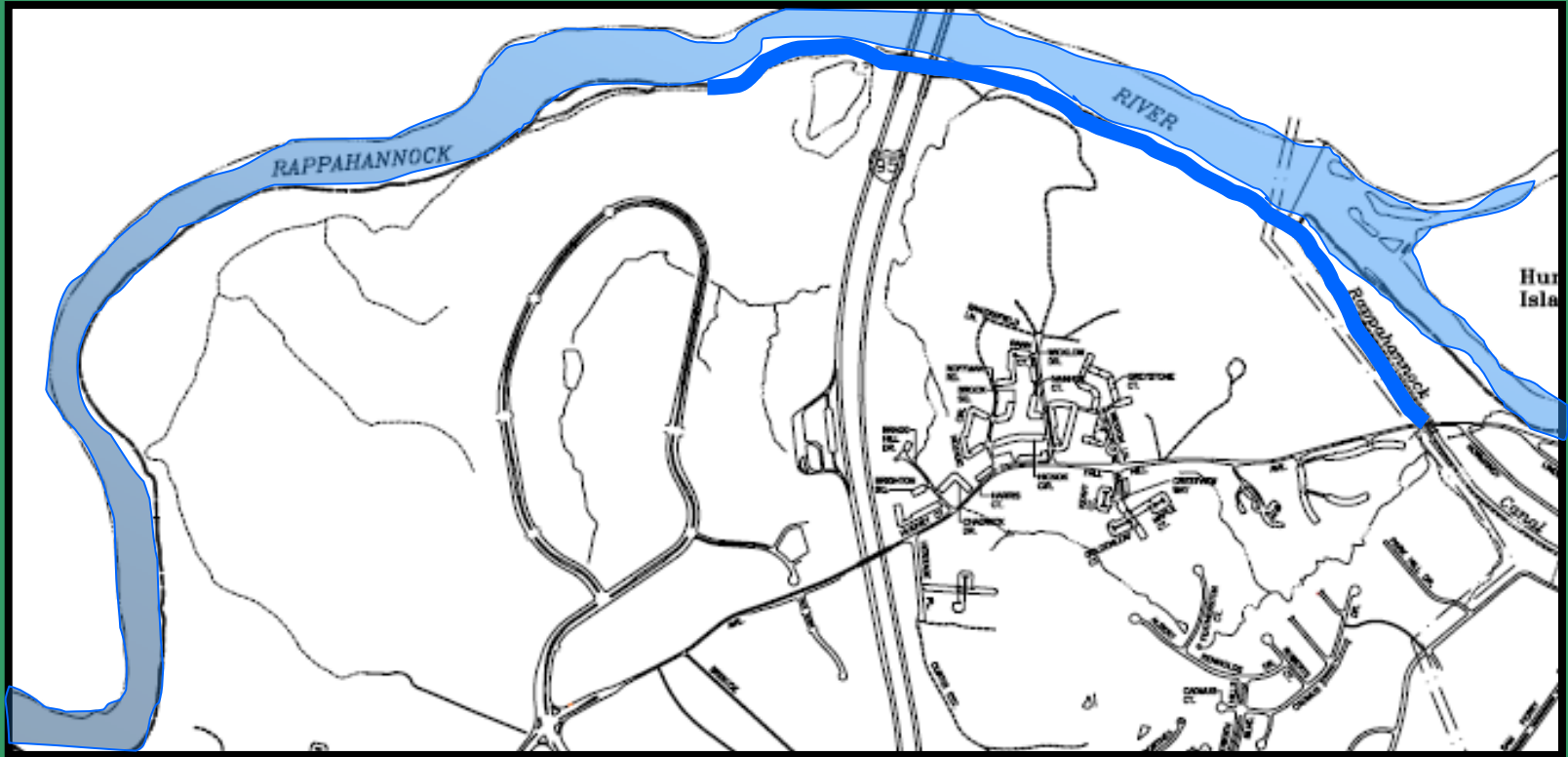
## EMBREY DAM TRAIL

- **MAIN TYPE:** Shared-Use Trail
- **LOCATION:** From Fall Hill Ave end of Canal Path along Rappahannock to Celebrate Virginia trails
- **LENGTH:** 1.5 – 2.5 Miles
- **EST. COST:** \$133,000 – \$246,000
- **DESCRIPTION:** Independent trail along scenic, old canal route.
- **USES:** Recreation, scenic link between Celebrate Virginia and downtown.





# EMBREY DAM TRAIL





# PROPOSED PATHWAYS SYSTEM

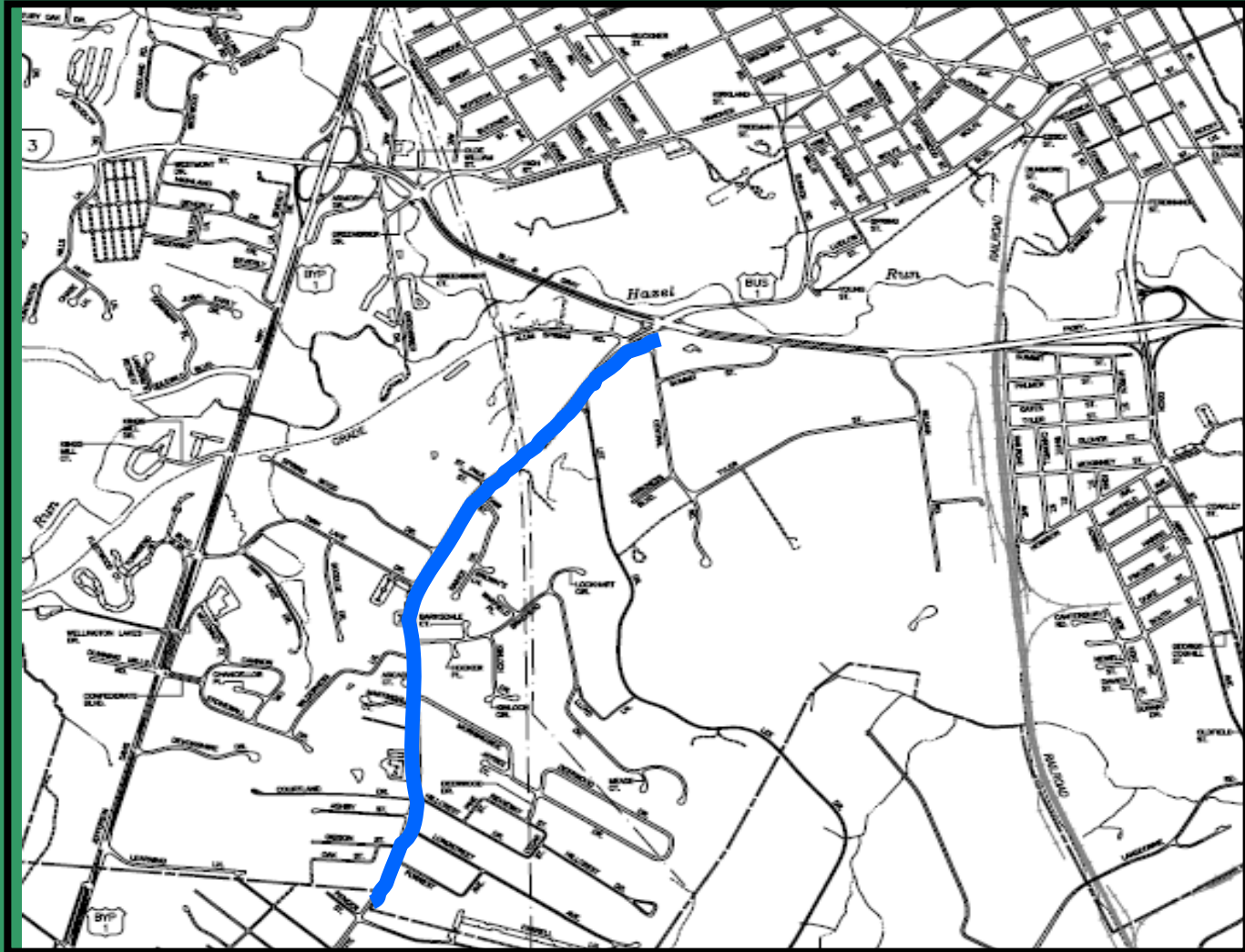
## LAFAYETTE BOULEVARD TRAIL

- **TYPE:** Shared-Use Trail
- **LOCATION:** Along Lafayette Boulevard from the Blue-Gray Parkway to the city limit.
- **LENGTH:** 1.5 Miles
- **EST. COST:** \$212,000 – \$235,000
- **DESCRIPTION:** Asphalt trail parallel to Lafayette Boulevard
- **MAIN USES:** Transportation from neighborhoods to downtown; link to other trails; route to schools





# LAFAYETTE BOULEVARD TRAIL





# PROPOSED PATHWAYS SYSTEM

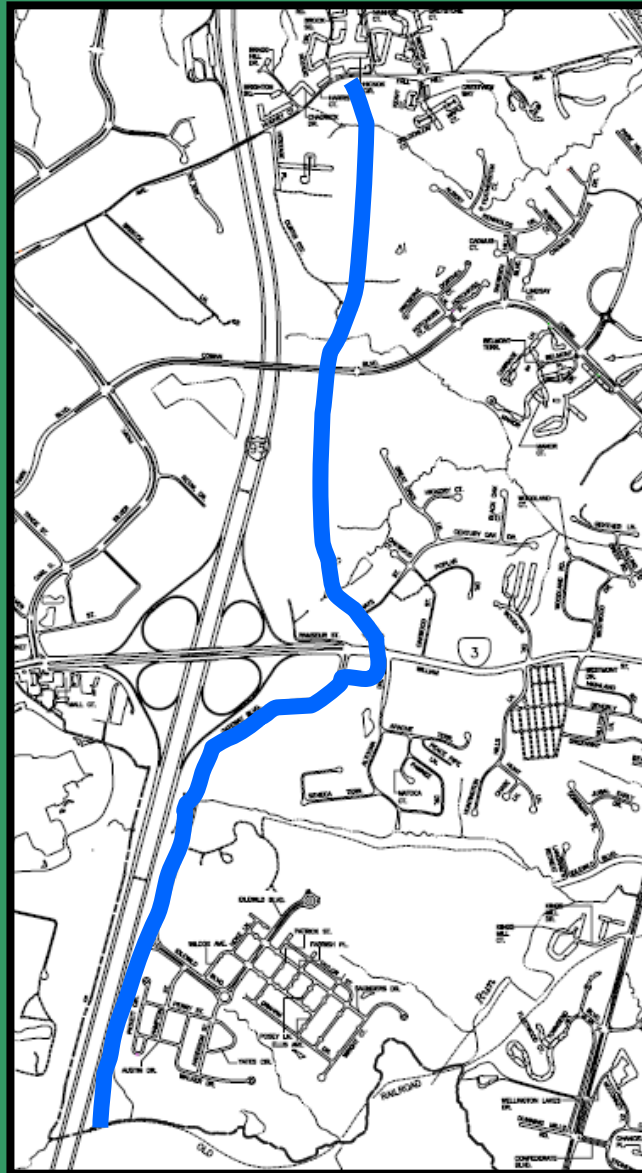
## NORTH-SOUTH TRAIL

- **TYPE:** Shared-Use Trail
- **LOCATION:** Along Mahone Street extension from Fall Hill Ave to Rt 3, then along Gateway Blvd & Idlewild to VCR Trail
- **LENGTH:** 2.5 Miles
- **EST. COST:** \$353,000 -- \$391,000
- **DESCRIPTION:** Asphalt trail parallel to Mahone St between Fall Hill Ave and Rt 3. Crossing Rt 3, parallels Gateway Blvd and I-95 to the VCR Trail.
- **MAIN USES:** Connects neighborhoods west of Rt 1 to shopping areas and other trails.





# NORTH-SOUTH TRAIL





# PROPOSED PATHWAYS SYSTEM

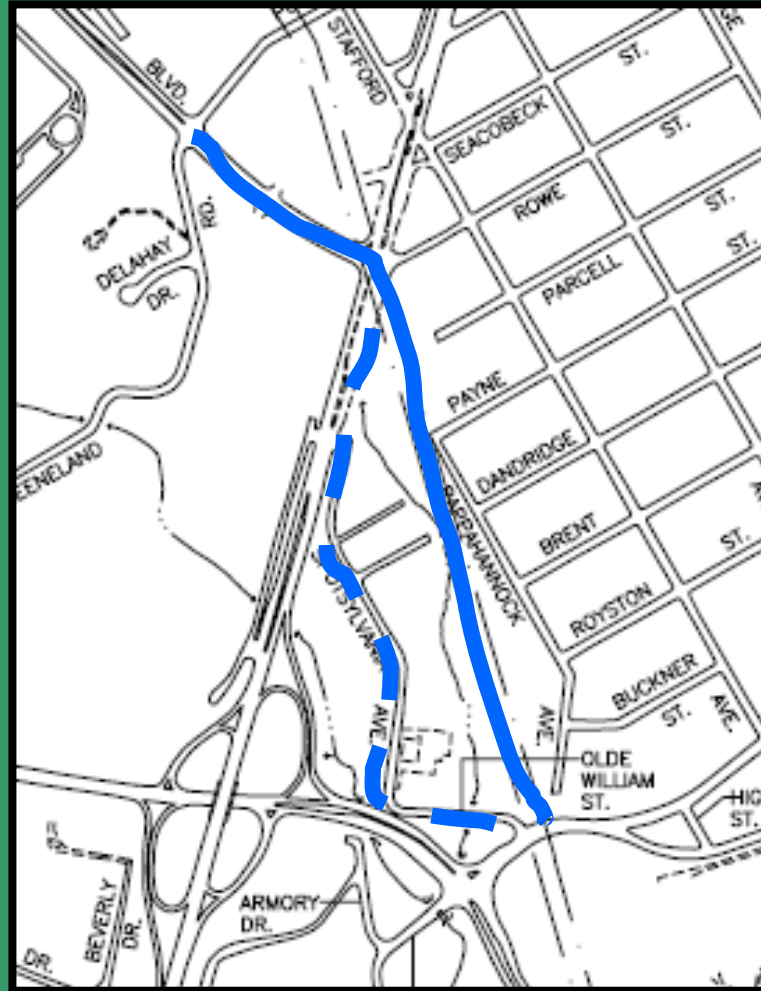
## COWAN – WILLIAM STREET TRAIL

- **TYPE:** Shared-Use Trail
- **LOCATION:** From end of Cowan Blvd Trail to William St
- **LENGTH:** .4 Miles
- **EST. COST:** \$57,000 – \$63,000
- **DESCRIPTION:** Asphalt trail crosses Rt 1 and runs on power easement to William St
- **MAIN USES:** Transportation link between Cowan Blvd Trail and Alum Spring bicycle loop and other trails

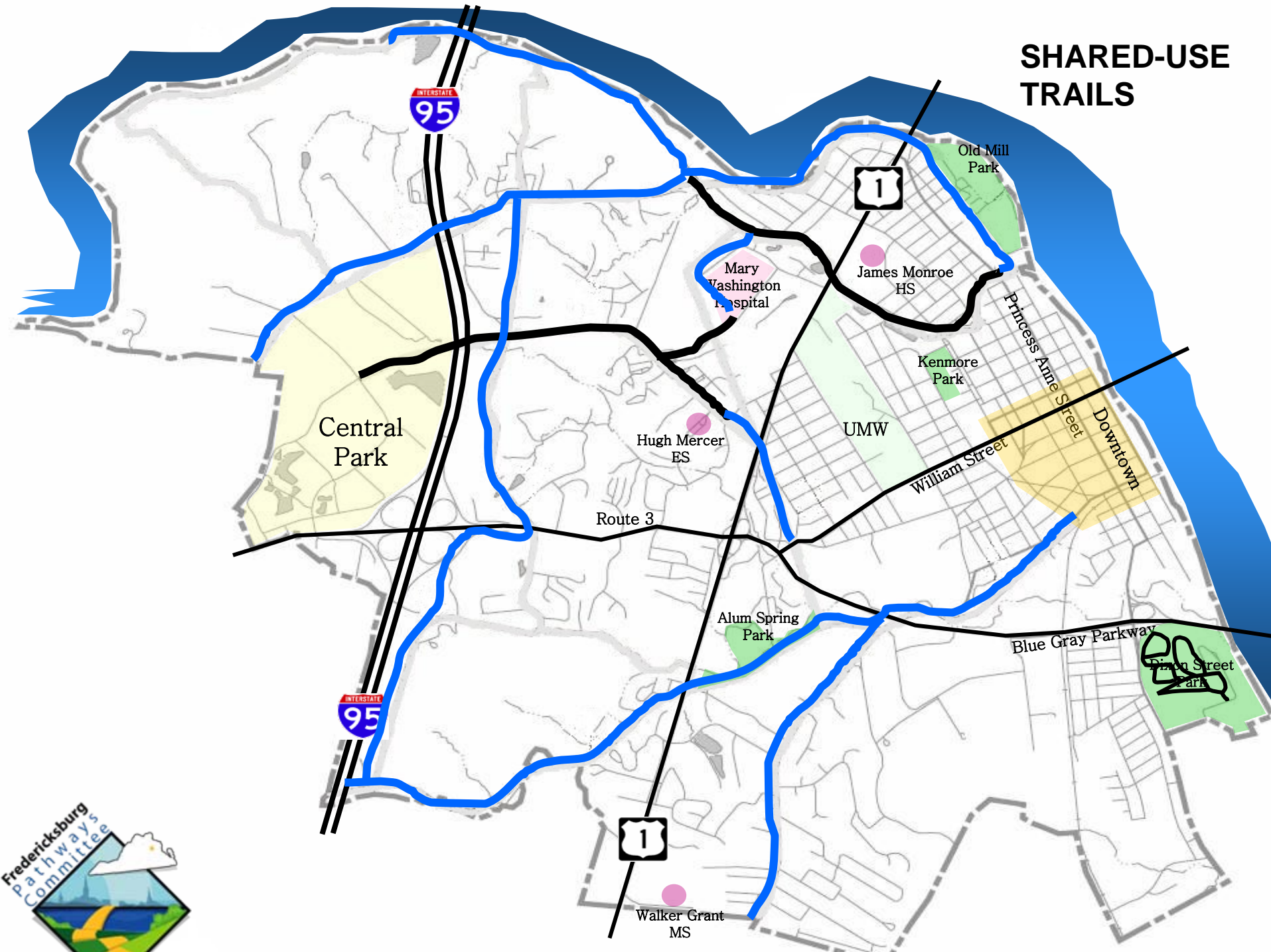




# COWAN – WILLIAM STREET TRAIL



# SHARED-USE TRAILS





# PROPOSED PATHWAYS SYSTEM

## SHARED ROADWAYS

- BICYCLE LANES
  - DOWNTOWN LOOP
  - ALUM SPRING LOOP
  - DOWNTOWN – DIXON PARK
- BICYCLE ROUTES





# PROPOSED PATHWAYS SYSTEM

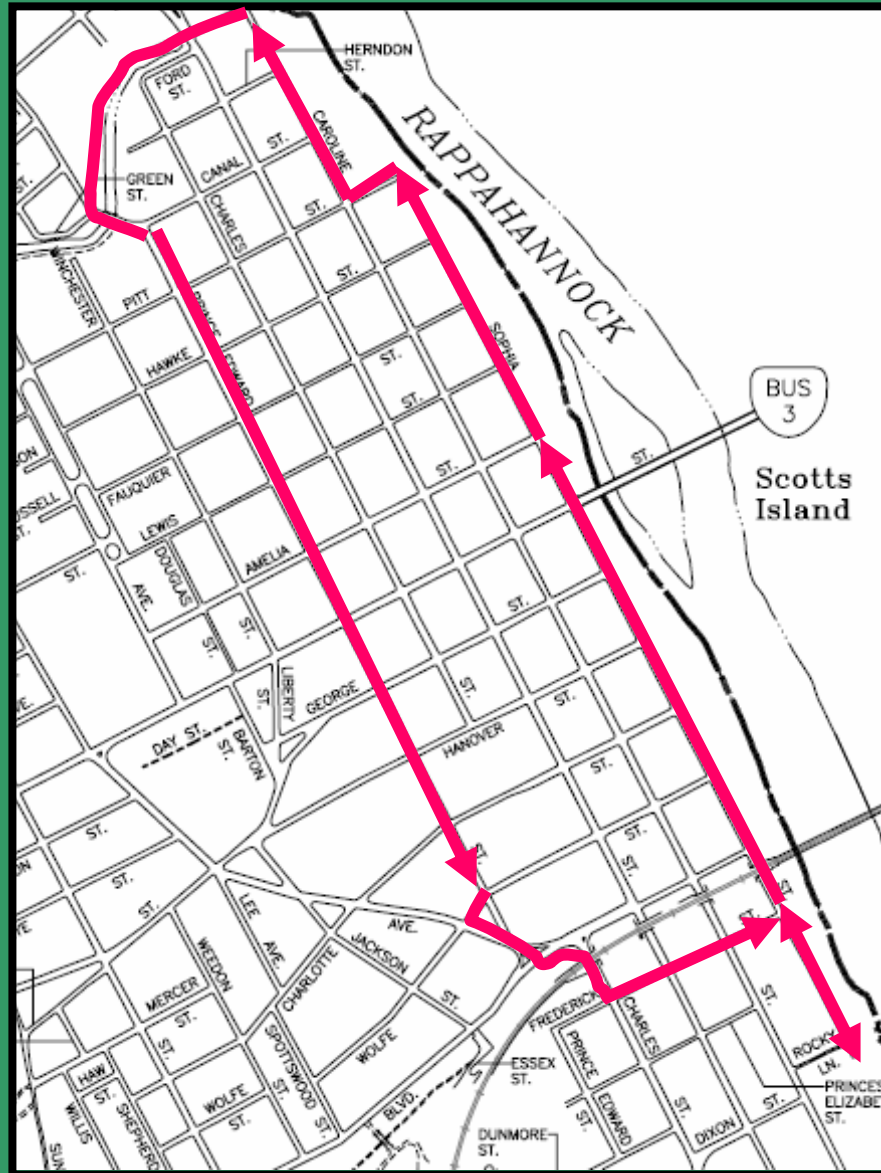
## Downtown Loop Trail

- **TYPE:** On-Road Bicycle Lanes
- **LOCATION:** From City Dock north on Sophia to Pitt St, then Caroline St to Canal Path, then Prince Edward St to Charles St to Frederick Street and return to City Dock.
- **LENGTH:** 2.6 Miles
- **EST. COST:** \$13,000 -- \$15,000
- **DESCRIPTION:** Bicycle lanes marking one-way travel in a counter-clockwise loop along downtown streets.
- **MAIN USES:** Provides safe bicycle travel in downtown; links to a number of trails leading into and out of city





# DOWNTOWN LOOP





# PROPOSED PATHWAYS SYSTEM

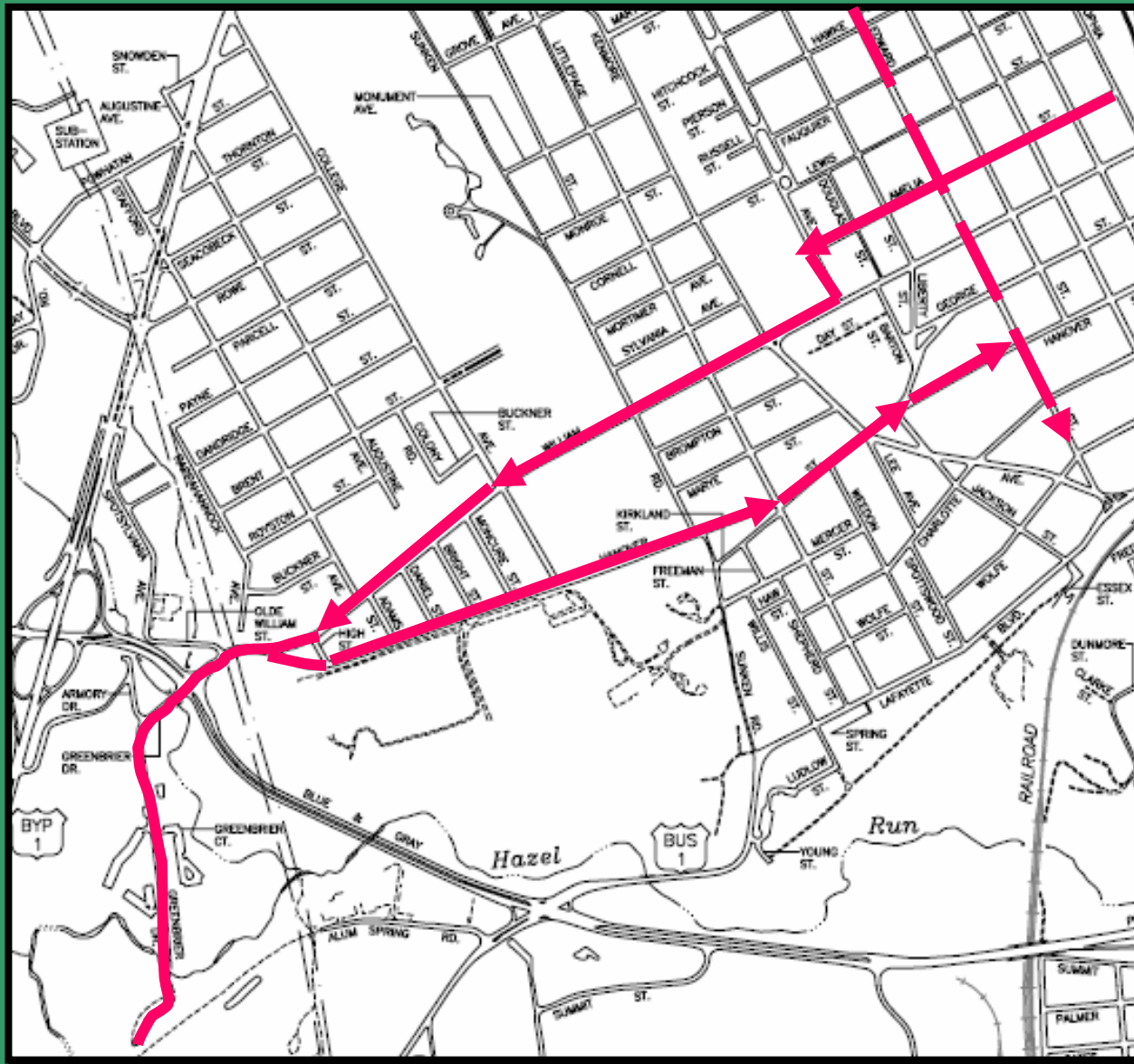
## Alum Spring Loop Trail

- **TYPE:** On-Road Bicycle Lanes
- **LOCATION:** From Sophia St on Amelia St to Washington Ave and William St, then William and Greenbriar St to Alum Spring Park. Return via Hanover St to Downtown Loop.
- **LENGTH:** 3.5 Miles
- **EST. COST:** \$18,000 -- \$20,000
- **DESCRIPTION:** Bicycle lanes in one direction from downtown to Alum Spring Park and return. Two lanes on William St and Greenbriar St portions of loop
- **MAIN USES:** Provides safe bicycle travel between downtown and college, neighborhoods, and parks; links to Cowan-William St and VCR trails.





# ALUM SPRING LOOP



# PROPOSED PATHWAYS SYSTEM

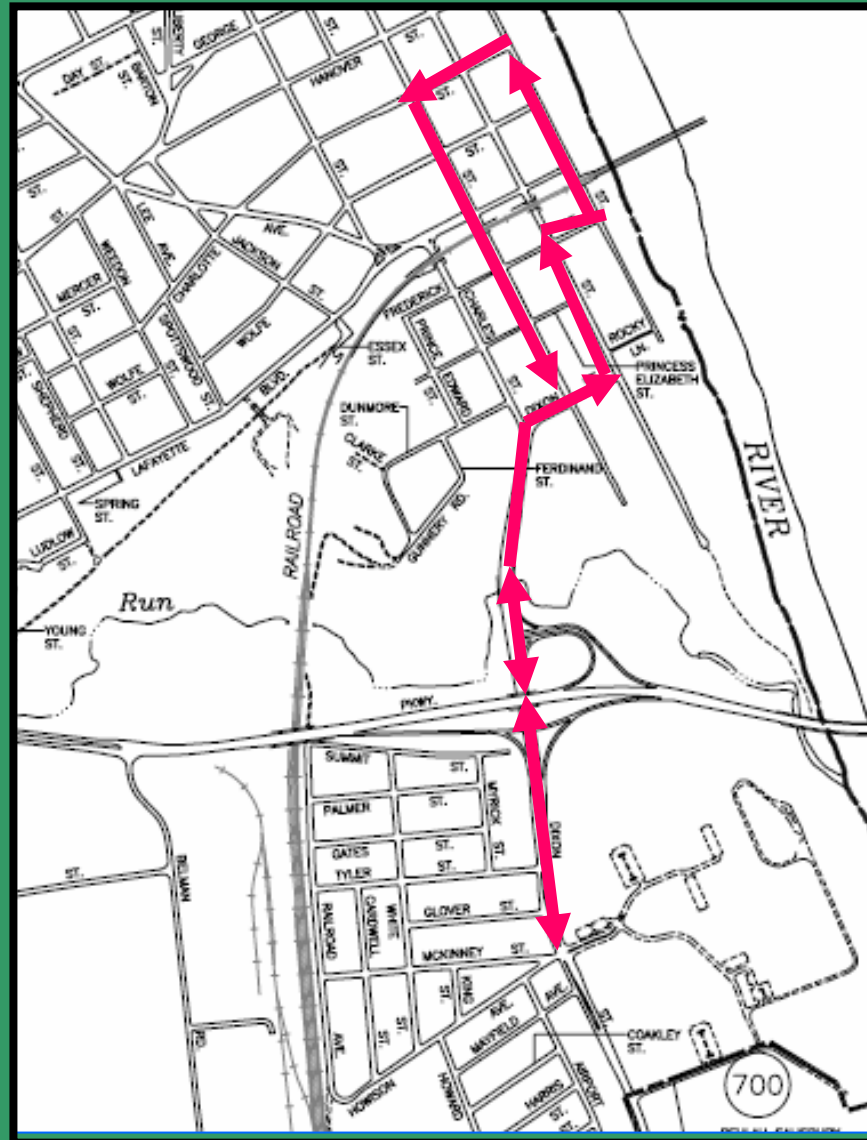
## Downtown – Dixon Park Trail

- **TYPE:** On-Road Bicycle Lanes
- **LOCATION:** From Visitors Center on Princess Anne to Dixon St and Dixon Park, returning on Dixon St to Caroline St and the Downtown Loop.
- **LENGTH:** 1.5 Miles
- **EST. COST:** \$8,000 -- \$9,000
- **DESCRIPTION:** Bicycle lanes on one direction on Princess Anne, then two directions on Dixon St to Dixon Park.
- **MAIN USES:** Bicycle transportation between downtown and Dixon Park; links to VCR and other trails.

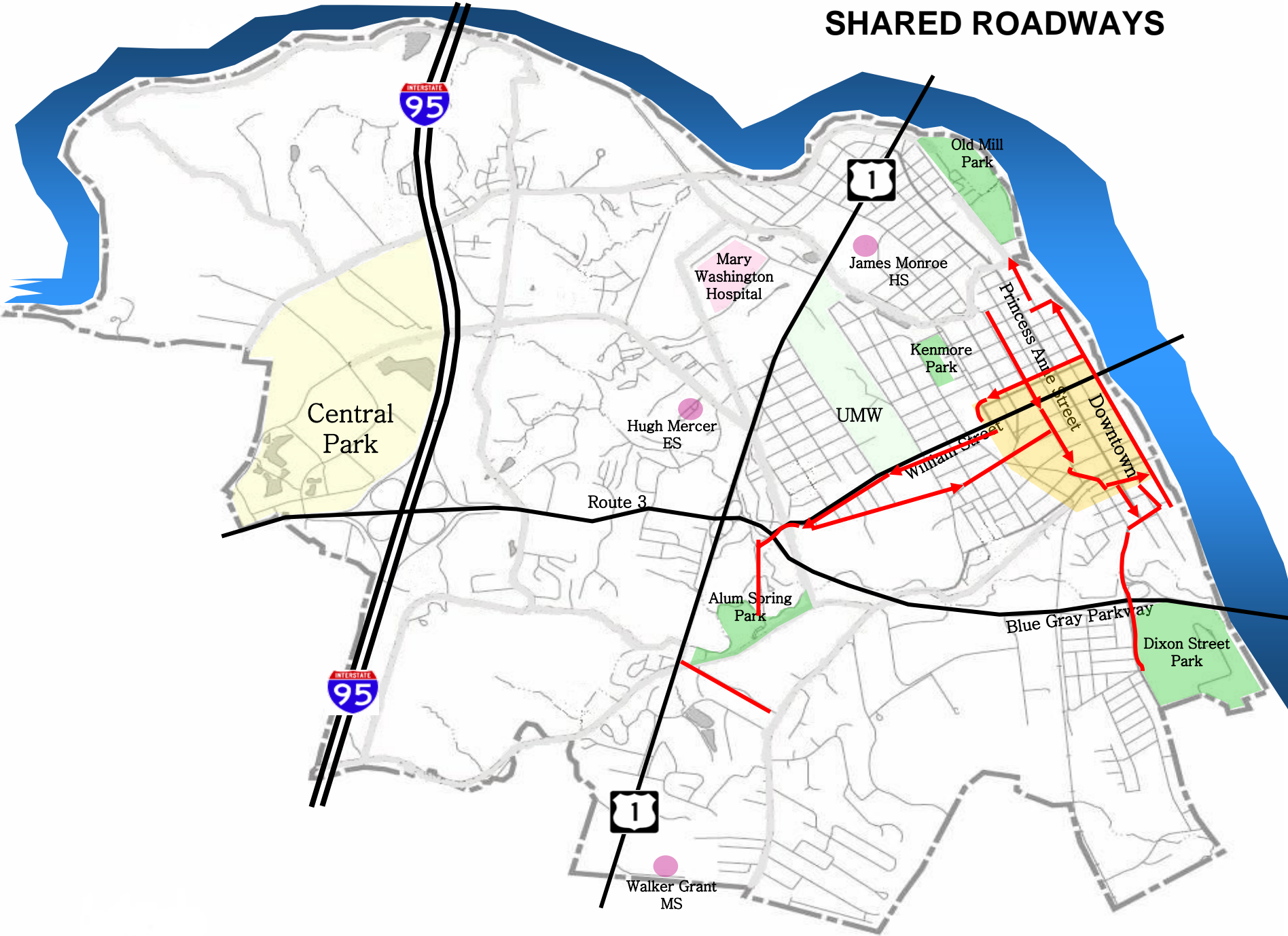




# DOWNTOWN – DIXON PARK

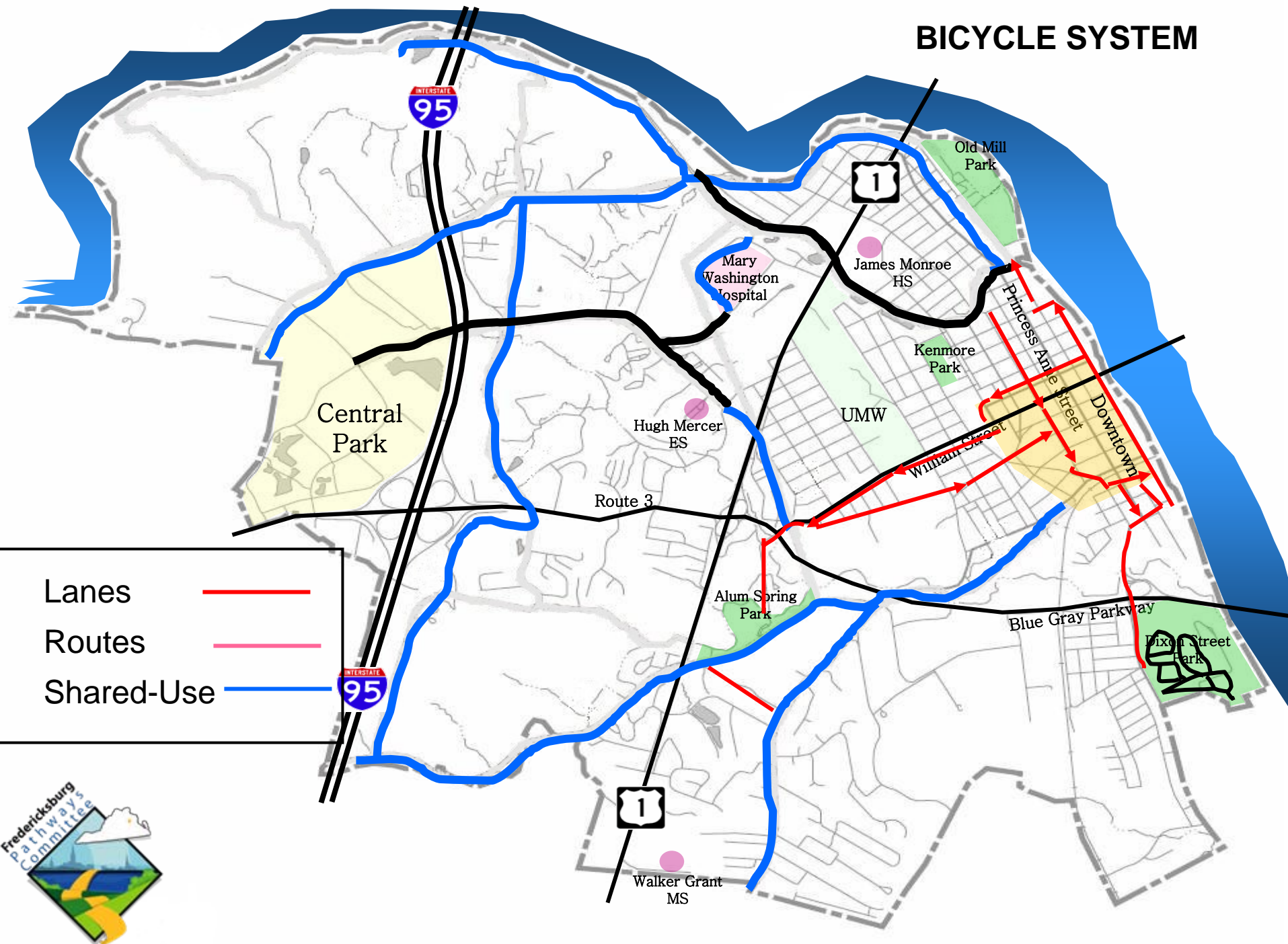


SHARED ROADWAYS





# BICYCLE SYSTEM



# PROPOSED PATHWAYS SYSTEM

## NATURE/HISTORIC SITES TRAILS

- HAZEL RUN TRAIL SYSTEM
- FALL HILL GREENWAY
- SMITH RUN TRAIL
- DIXON PARK TRAIL
- RAPPAHANNOCK RIVER TRAIL





# PROPOSED PATHWAYS SYSTEM

## Hazel Run Trail

- **TYPE:** Nature Trail
- **LOCATION:** Rappahannock River to I-95 along Hazel Run
- **LENGTH:** 4.6 Miles
- **EST. COST:** \$73,000 -- \$81,000
- **DESCRIPTION:** Primitive hiking trail in a scenic, wooded setting for foot traffic only along the route of Hazel Run.
- **MAIN USES:** Hiking; nature enjoyment.



# HAZEL RUN TRAILS





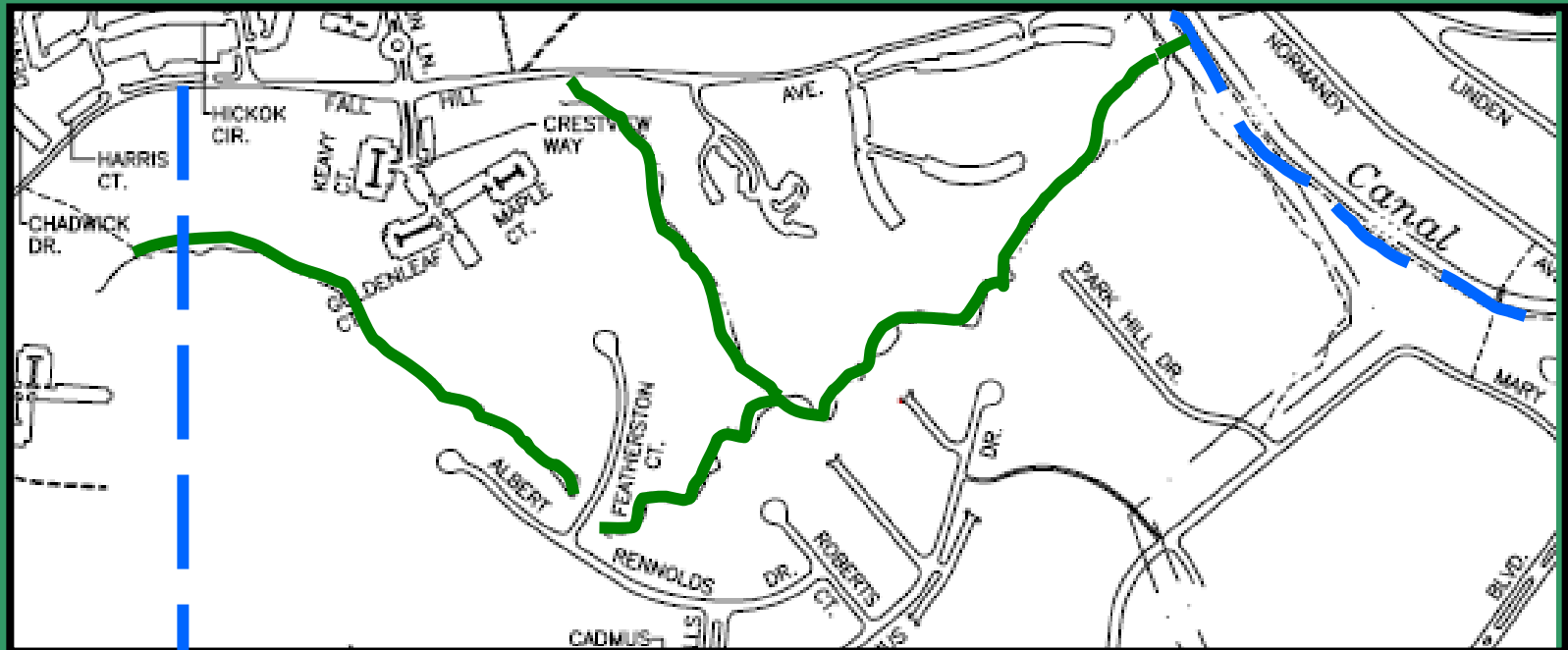
# PROPOSED PATHWAYS SYSTEM

## Fall Hill Greenway Trail

- **TYPE:** Nature Trail
- **LOCATION:** Canal Path to points along Fall Hill Ave, Hills of Snowden, and new Mahone Dr.
- **LENGTH:** Not yet determined.
- **EST. COST:** \$30,000 -- \$32,000
- **DESCRIPTION:** Primitive hiking trails in a scenic, wooded setting for foot traffic only along the stream beds
- **MAIN USES:** Hiking; nature enjoyment.



# FALL HILL GREENWAY





# PROPOSED PATHWAYS SYSTEM

## Smith Run Trail

- **TYPE:** Nature Trail
- **LOCATION:** Along Smith Run from Hugh Mercer Elementary School to Cowan Blvd, with branch to Great Oaks subdivision.
- **LENGTH:** 1.2 miles.
- **EST. COST:** \$39,000 -- \$44,000
- **DESCRIPTION:** Primitive hiking trails in a scenic, wooded setting for foot traffic only along Smith Run and branches.
- **MAIN USES:** Hiking; nature enjoyment.



# SMITH RUN TRAIL





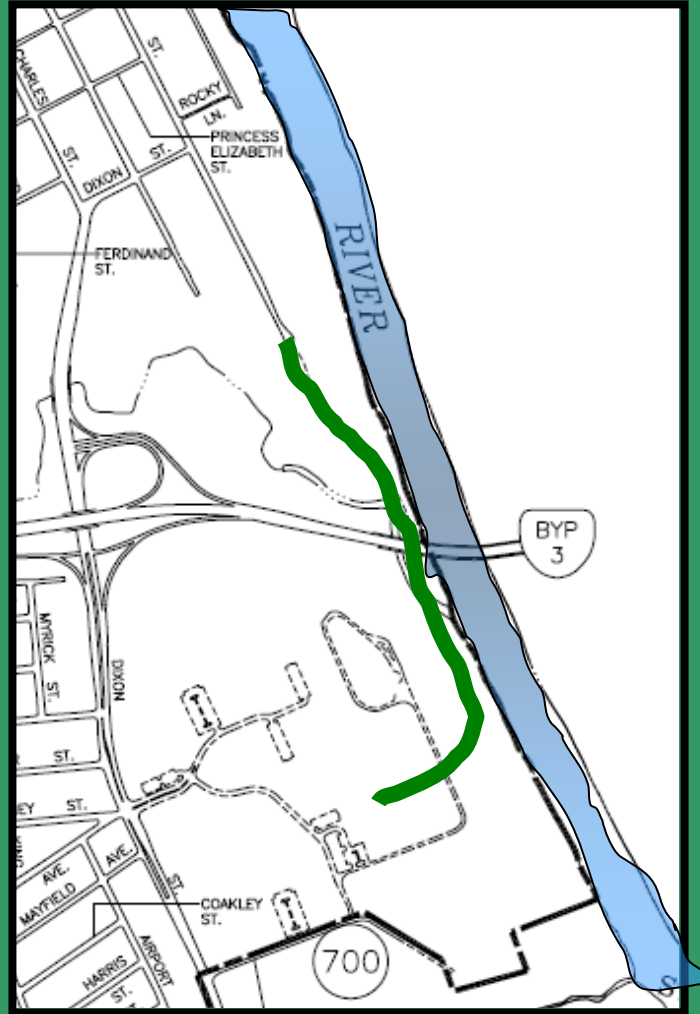
# PROPOSED PATHWAYS SYSTEM

## Downtown – Dixon Park Trail

- **TYPE:** Nature Trail
- **LOCATION:** Caroling St to Dixon Park
- **LENGTH:** .6 miles
- **EST. COST:** \$64,000 -- \$71,000
- **DESCRIPTION:** Primitive hiking trail in a scenic, wooded setting for foot traffic between downtown and Dixon Park, crossing Hazel Run
- **MAIN USES:** Hiking; nature enjoyment; link to Hazel Run Trail.



# DIXON PARK TRAIL





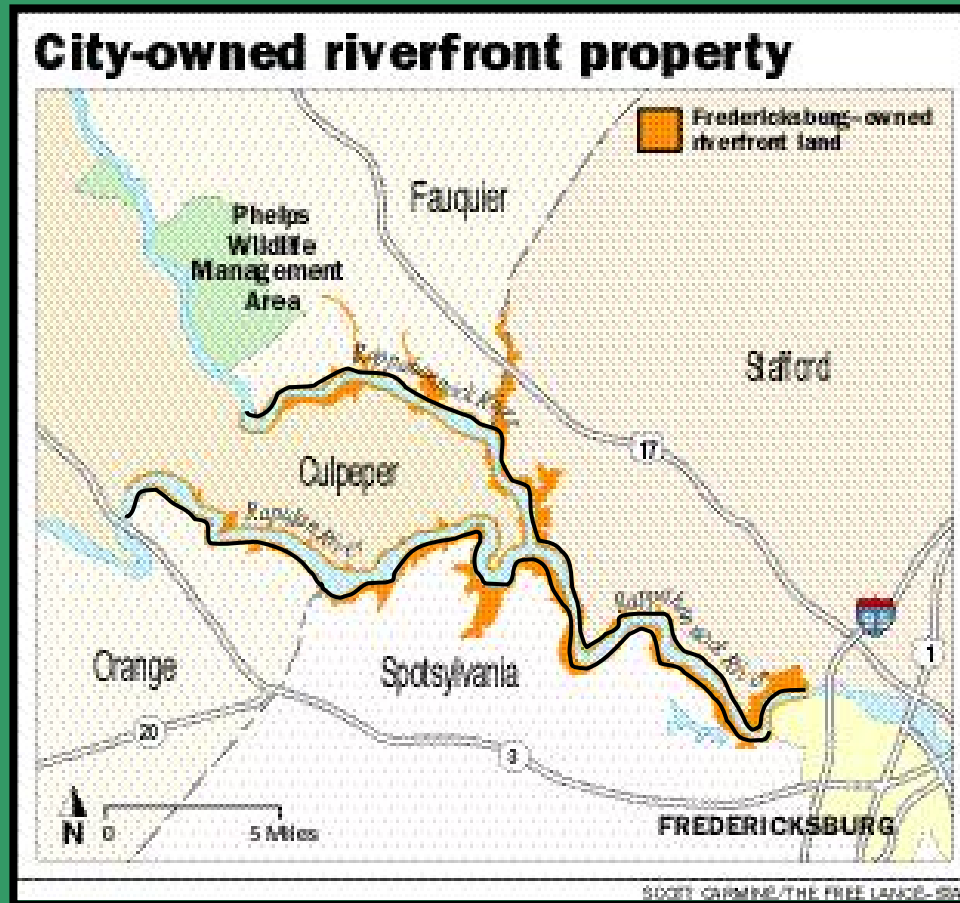
# PROPOSED PATHWAYS SYSTEM

## Rappahannock River Trail

- **TYPE:** Long-Distance Nature Trail
- **LOCATION:** Celebrate Virginia along Rappahannock & Rapidan Rivers
- **LENGTH:** 11 – 40 miles.
- **EST. COST:** Unknown
- **DESCRIPTION:** Primitive hiking trail in a scenic, wooded setting along the Rappahannock & Rapidan, for foot traffic only.
- **MAIN USES:** Hiking; backpacking; foot access to river; nature enjoyment.

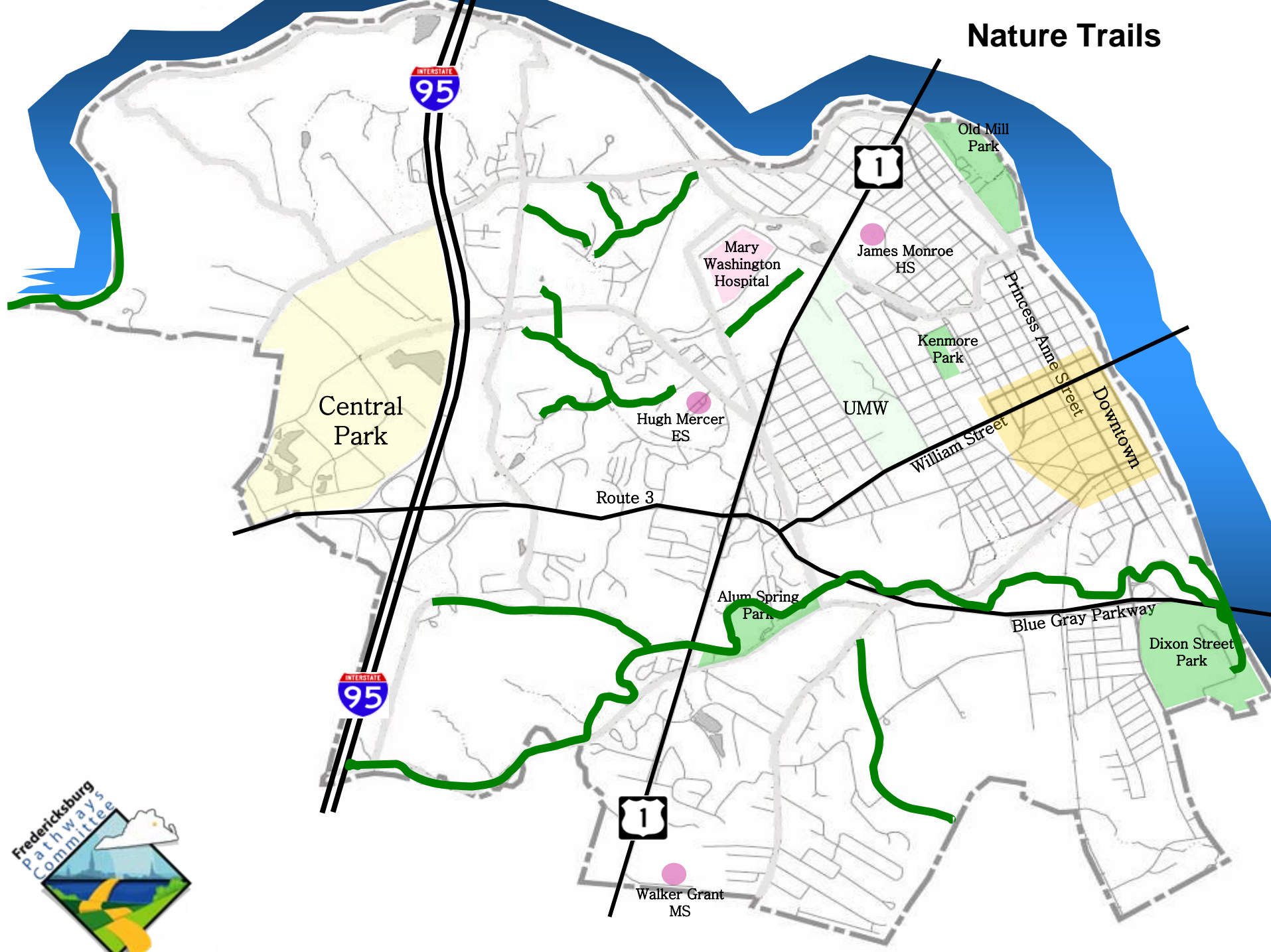


# RAPPAHANNOCK RIVER TRAIL





# Nature Trails



# PROPOSED PATHWAYS SYSTEM

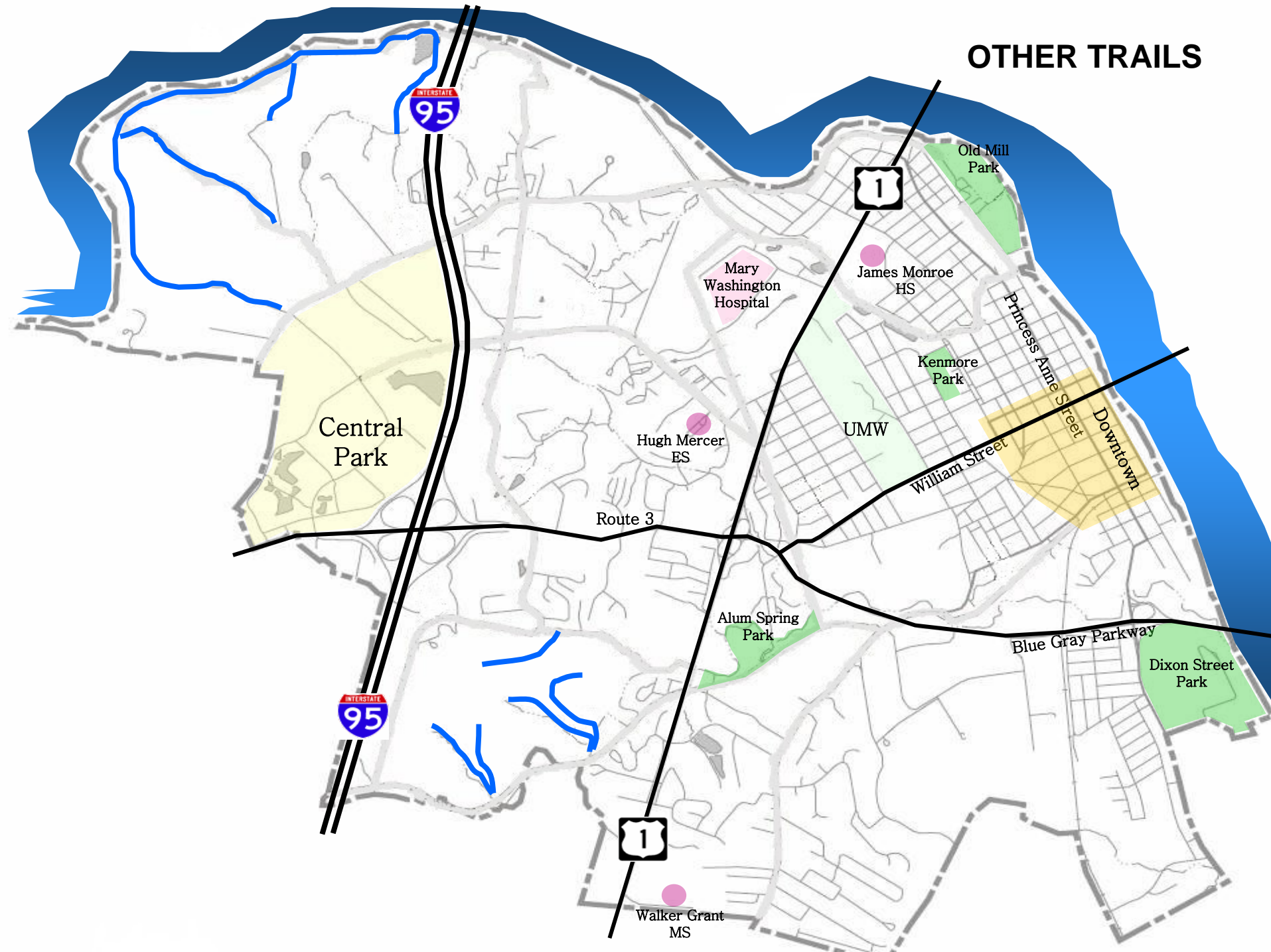
## OTHER TRAILS

- CELEBRATE VIRGINIA TRAILS
- IDLEWILD TRAILS

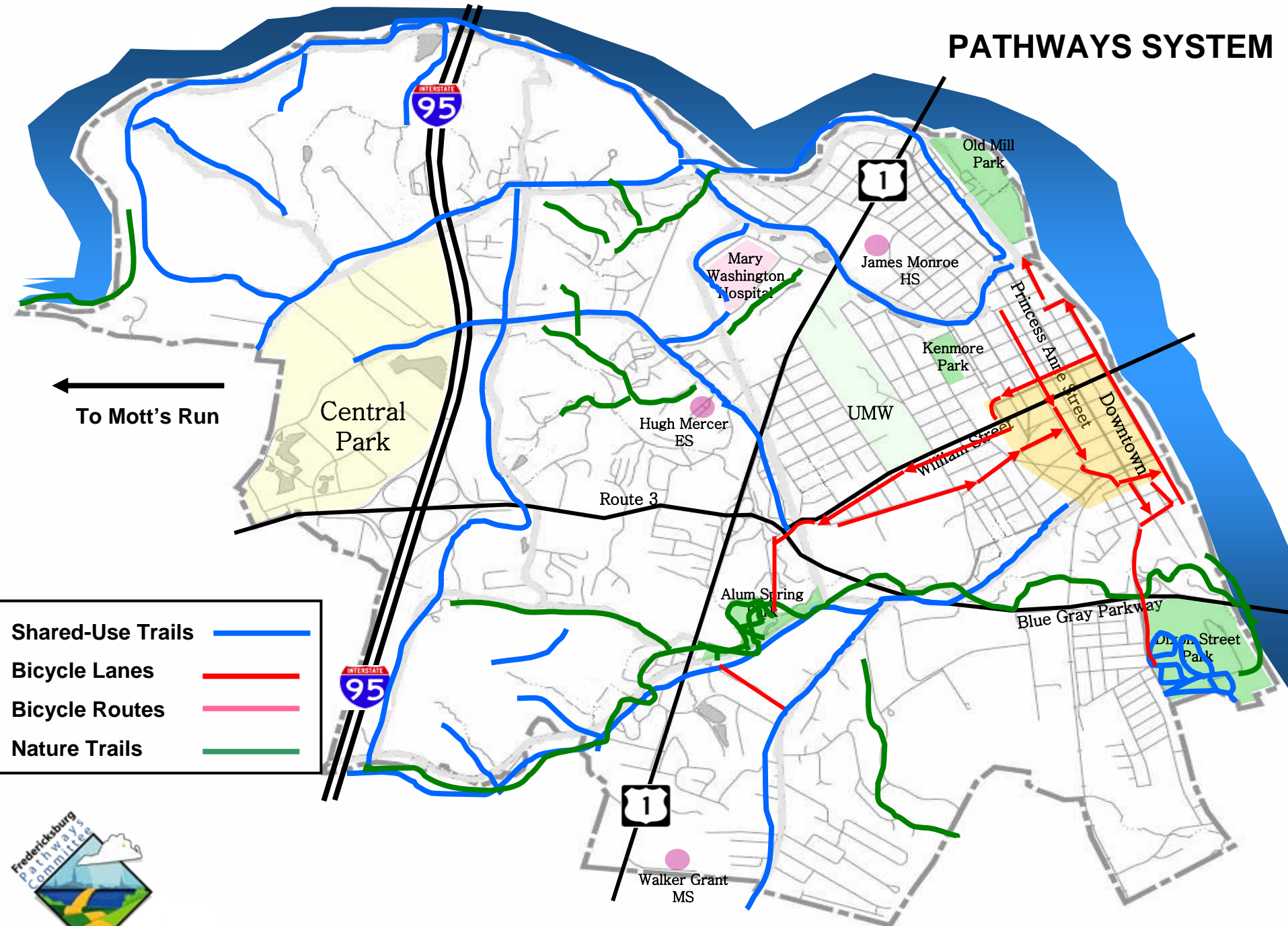




# OTHER TRAILS



# PATHWAYS SYSTEM



- Shared-Use Trails
- Bicycle Lanes
- Bicycle Routes
- Nature Trails





# PROPOSED PATHWAYS SYSTEM

## REGIONAL CONNECTIONS

- EAST COAST GREENWAY
- STAFFORD TRAILS
- SPOTSYLVANIA TRAILS





# REGIONAL CONNECTIONS



## EAST COAST GREENWAY

- Urban “Appalachian Trail”
- Canada to Caribbean

